

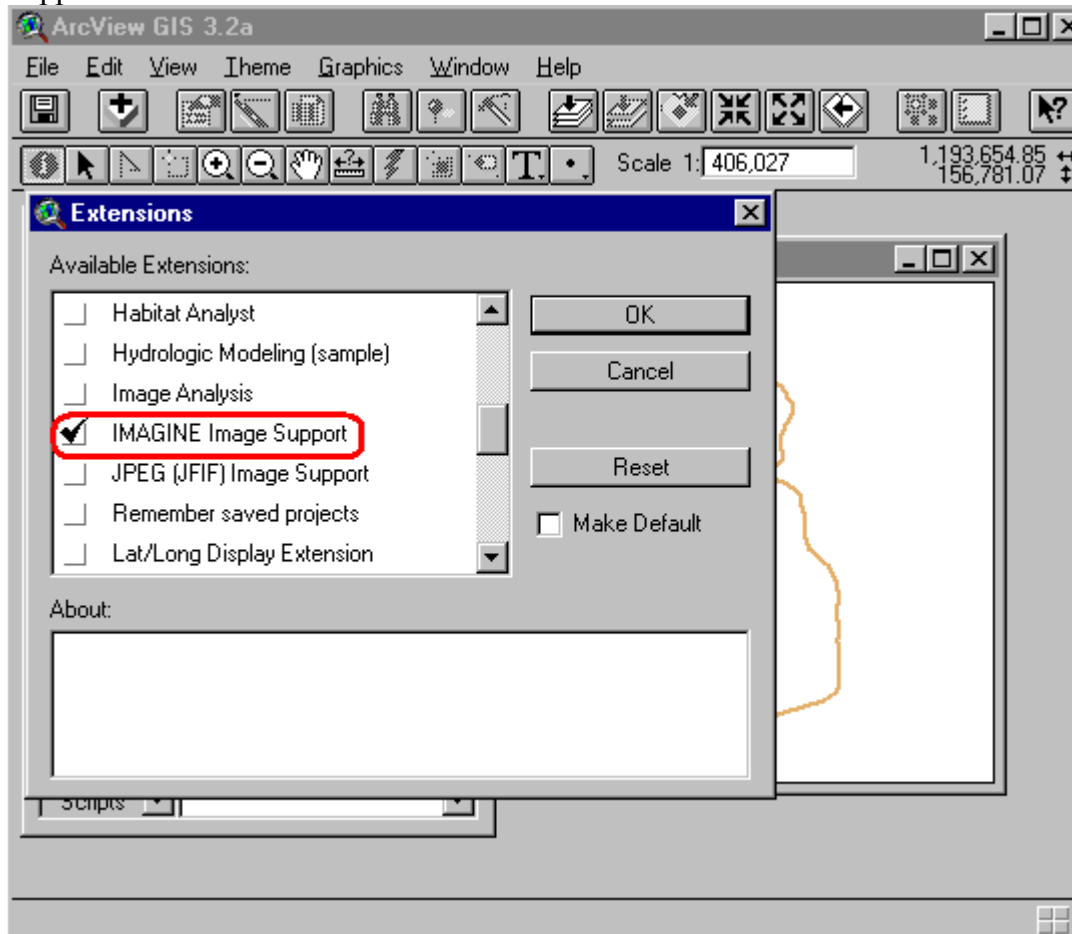



DNRP GIS TECH TIP: Using Image Indexes

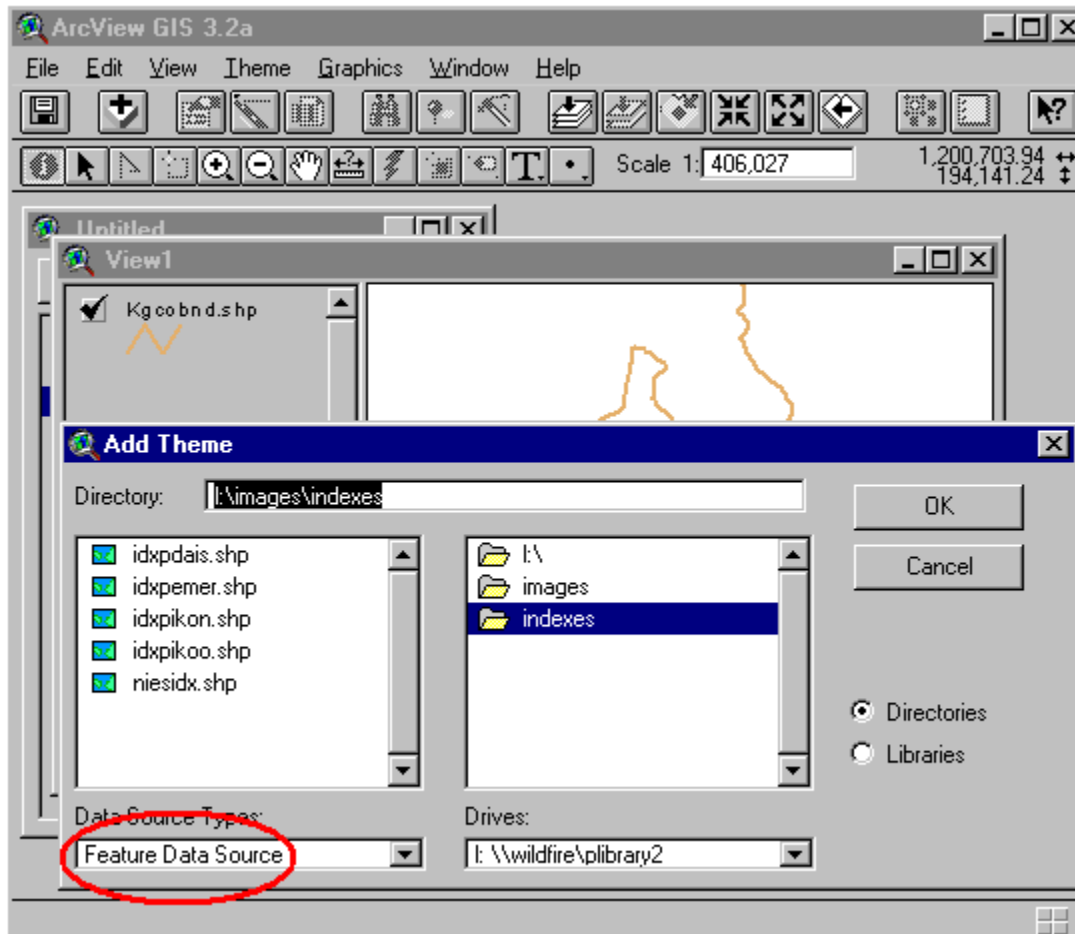
There may be some occasions where you wish to look at one specific photo of an image dataset without adding all the available photos. In order to determine the file name of that particular photo, you will need to refer to an index file (in a shapefile format).


To see which imagery datasets have image index files and to help you choose which dataset you wish to use, see the DNRP GIS TECH TIP: [King County Imagery](#). The chart in the King County Imagery Tech Tip details the file names of the image index files available. It also indicates (through shading) that some datasets require ArcView users to have at least version 3.2a for them to be able to view the individual images. These same datasets also require ArcView 3.2a users to add a special "IMAGINE Image Support" extension before the imagery can be viewed. If you are not using one of these datasets, you do NOT need to add the extension.

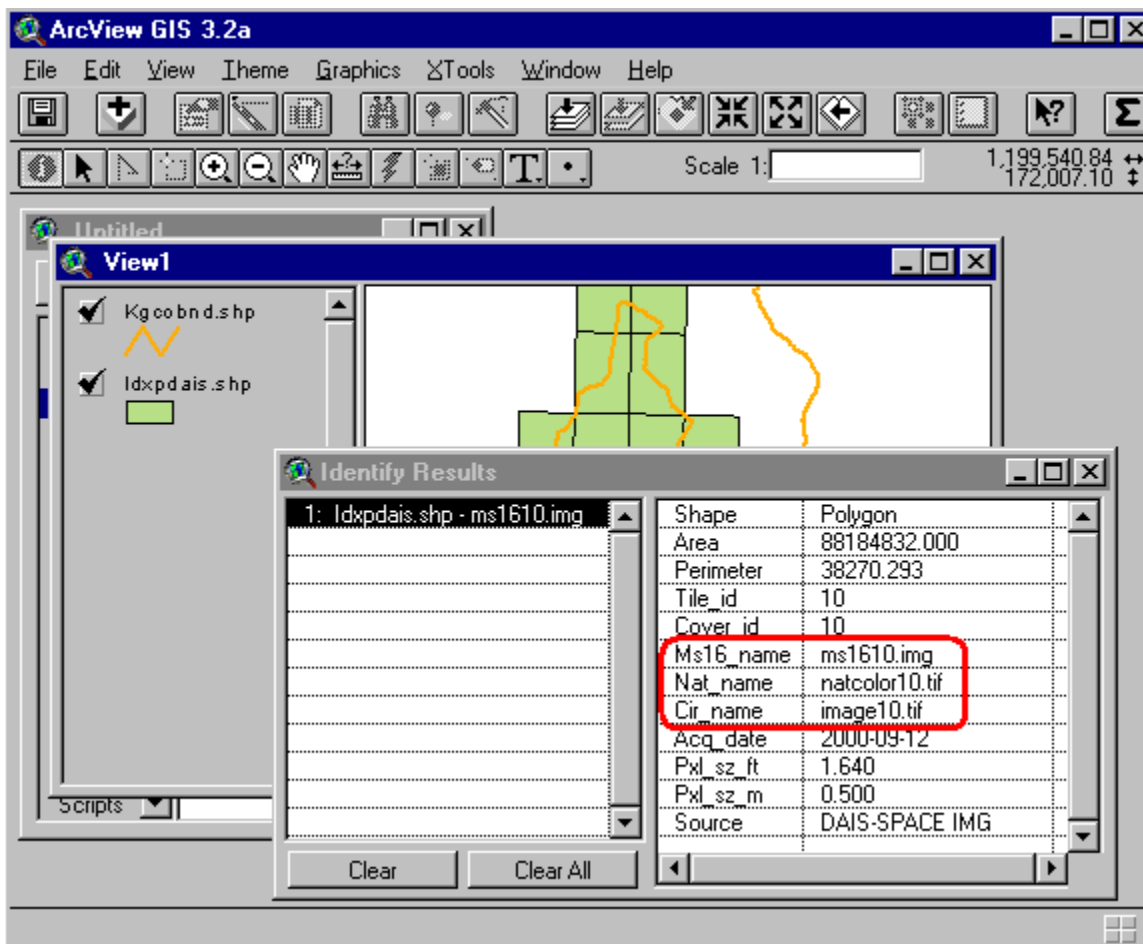
If you do need to load this extension, go to the "File" pulldown menu and select "Extensions". Then scroll down the list and checkmark the box beside "IMAGINE Image Support". Click "OK" to load the extension.




Next, you will determine the filename of the individual tile you are interested in by querying the index shapefile. Click on the Add Theme button . In the “Add Theme” dialogue box that appears, the “Data Source Type:” must be “Feature Data Source”. Navigate to [\\wildfire.plibrary2\images\indexes](http://wildfire.plibrary2/images/indexes) and look for the .shp file with the name of the dataset you want to add to your project. Highlight this file and click “OK”.



Turn on the theme in your View and use Identify Tool  to click on the square at the location where you want to obtain an image. Make a note of the file name it lists for the data you are interested in. In the example below, you can see that the individual DAIS imagery tile for the chosen location is available in multi-spectral (ms1610.img), natural color (natcolor10.tif), or color infrared (image10.tif) versions.



Go back to your View, and click on the Add Theme button  again. In the “Add Theme” dialogue box that appears, change the “Data Source Type:” to “Image Data Source”. Navigate to the [\\wildfire.plibrary2\images](http://wildfire.plibrary2/images) subdirectory of the dataset you are interested in. For example, DAIS imagery would be found in the [\\wildfire.plibrary2\images\dais](http://wildfire.plibrary2/images\dais) folder with the multi-spectral data in the ms16 subfolder, the natural color in the nat subfolder, and the color infrared in the cir subfolder. Highlight the file with the name you noted earlier and click “OK”. The image is added to your View.

TECHNICAL RESOURCES

For more information about using imagery, consult other DNRP GIS Tech Tips on imagery found in the "Images" folder on the [GIS Tech Tips](http://dnr-web.metrokc.gov/dnrtech/gis/tips/Techtips.htm) (<http://dnr-web.metrokc.gov/dnrtech/gis/tips/Techtips.htm>) intranet page.